

## Author index

- Adcock, J.L., see Francis, P.S. 3
- Ai, X., see Xi, J. 193
- Ala-Kleme, T., see Håkansson, M. 137
- Ala-Kleme, T., see Jiang, Q. 179
- Ala-Kleme, T., see Laakso, P. 85
- Alan Wheatley, R., see Banu, S. 91
- Anttila, H., see Laakso, P. 85
- Banu, S.  
—, Greenway, G.M. and Alan Wheatley, R.  
Luminol chemiluminescence induced by immobilised xanthine oxidase 91
- Bard, A.J., see Choi, J.-P. 143
- Barnett, N.W., see Gorman, B.A. 119
- Barnett, N.W.  
Preface 1
- Bos, R., see Gorman, B.A. 119
- Cerdà, V., see Miró, M. 57
- Chen, X., see Yi, C. 75
- Cho, S.-H., see Choi, H.N. 49
- Choi, H.N.  
—, Cho, S.-H., Park, Y.-J., Lee, D.W. and Lee, W.-Y.  
Sol-gel-immobilized Tris(2,2'-bipyridyl)ruthenium(II) electrogenerated chemiluminescence sensor for high-performance liquid chromatography 49
- Choi, J.-P.  
— and Bard, A.J.  
Electrogenerated chemiluminescence (ECL) 79. Reductive-oxidation ECL of tris(2,2'-bipyridine)ruthenium(II) using hydrogen peroxide as a coreactant in pH 7.5 phosphate buffer solution 143
- Cuadros-Rodríguez, L., see Soto-Chinchilla, J.J. 113
- Du, J., see Liu, M. 99
- Eskola, J., see Jiang, Q. 179
- Eskola, J., see Laakso, P. 85
- Estela, J.M., see Miró, M. 57
- Evmiridis, N.P., see Tsogas, G.Z. 151
- Fan, S.-H., see Wang, Y. 131
- Fang, Y., see Liu, H. 125, 187
- Francis, P.S.  
— and Adcock, J.L.  
Chemiluminescence methods for the determination of ofloxacin 3
- Gámiz-Gracia, L., see Soto-Chinchilla, J.J. 113
- García-Campana, A.M., see Soto-Chinchilla, J.J. 113
- Gorman, B.A.  
—, Barnett, N.W. and Bos, R.  
Detection of pyrrolizidine alkaloids using flow analysis with both acidic potassium permanganate and tris(2,2'-bipyridyl)ruthenium(II) chemiluminescence 119
- Greenway, G.M., see Banu, S. 91
- Guardigli, M., see Roda, A. 25
- Håkansson, M., see Jiang, Q. 159, 179
- Håkansson, M., see Suomi, J. 167
- Håkansson, M.  
—, Helin, M., Putkonen, M., Jiang, Q., Kotiranta, M., Suomi, J., Niskanen, A.J., Ala-Kleme, T. and Kulmala, S.  
Electrochemiluminescence of Tb(III) chelates at optically transparent tunnel emission electrodes fabricated by atomic layer deposition 137
- Håkansson, M.  
—, Jiang, Q., Spehar, A.-M., Suomi, J., Kotiranta, M. and Kulmala, S.  
Direct current-induced electrogenerated chemiluminescence of hydrated and chelated Tb(III) at aluminum cathodes 171
- Hao, Y., see Liu, H. 125, 187
- He, P., see Liu, H. 125, 187
- He, Y., see Liu, M. 99
- He, Z., see Xi, J. 193
- Helin, M., see Håkansson, M. 137
- Helin, M., see Suomi, J. 167
- Imai, K., see Tsunoda, M. 13
- Ji, X., see Xi, J. 193
- Jiang, Q., see Håkansson, M. 137, 171
- Jiang, Q., see Suomi, J. 167
- Jiang, Q.  
—, Kotiranta, M., Langel, K., Suomi, J., Håkansson, M., Spehar, A.-M., Ala-Kleme, T., Eskola, J. and Kulmala, S.  
Ruthenium(II) tris(2,2'-bipyridine) chelate as a chemiluminophore in extrinsic luminescences of aluminium and magnesium in aqueous solution 179
- Jiang, Q.  
—, Suomi, J., Håkansson, M., Niskanen, A.J., Kotiranta, M. and Kulmala, S.  
Cathodic electrogenerated chemiluminescence of Ru(bpy)<sub>3</sub><sup>2+</sup> chelate at oxide-coated heavily doped silicon electrodes 159
- Kairisto, V., see Laakso, P. 85
- Kotiranta, M., see Håkansson, M. 137, 171
- Kotiranta, M., see Jiang, Q. 159, 179
- Kotiranta, M., see Suomi, J. 167
- Kulmala, S., see Håkansson, M. 137, 171
- Kulmala, S., see Jiang, Q. 159, 179
- Kulmala, S., see Laakso, P. 85
- Kulmala, S., see Suomi, J. 167

- Laakso, P.  
—, Anttila, H., Kairisto, V., Eskola, J., Kulmala, S. and Ala-Kleme, T.  
Hot electron-induced electrogenerated chemiluminescence of SYBR®  
Green I 85
- Langel, K., see Jiang, Q. 179
- Lee, D.W., see Choi, H.N. 49
- Lee, W.-Y., see Choi, H.N. 49
- Liawruangrath, S., see Townshend, A. 105
- Lin, J.-M., see Zhao, L. 199
- Liu, H.  
—, Zhang, L., Hao, Y., Wang, Q., He, P. and Fang, Y.  
Flow-injection chemiluminescence determination of meloxicam by  
oxidation with *N*-bromosuccinimide 187
- Liu, H.  
—, Zhang, L., Zhou, J., Hao, Y., He, P. and Fang, Y.  
Flow injection chemiluminescence determination of dobutamine  
hydrochloride injection using luminol-ferrocyanide/ferrocyanide sys-  
tem 125
- Liu, M.  
—, Lu, J., He, Y. and Du, J.  
Molecular imprinting-chemiluminescence sensor for the determination  
of brucine 99
- Lu, J., see Liu, M. 99
- Martín, J., see Pérez-Ruiz, T. 69
- Martínez-Lozano, C., see Pérez-Ruiz, T. 69
- Michelini, E., see Roda, A. 25
- Mirasoli, M., see Roda, A. 25
- Miró, M.  
—, Estela, J.M. and Cerdà, V.  
Potentials of multisyringe flow injection analysis for chemilumines-  
cence detection 57
- Musiani, M., see Roda, A. 25
- Niskanen, A.J., see Håkansson, M. 137
- Niskanen, A.J., see Jiang, Q. 159
- Niskanen, A.J., see Suomi, J. 167
- Park, Y.-J., see Choi, H.N. 49
- Pasini, P., see Roda, A. 25
- Pérez-Ruiz, T.  
—, Martínez-Lozano, C., Tomás, V. and Martín, J.  
Flow injection chemiluminescent determination of *N*-nitrosodimethy-  
lamine using photogenerated tris(2,2'-bipyridyl) ruthenium (III) 69
- Putkonen, M., see Håkansson, M. 137
- Roda, A.  
—, Guardigli, M., Pasini, P., Mirasoli, M., Michelini, E. and Musiani,  
M.  
Bio- and chemiluminescence imaging in analytical chemistry 25
- Ruengsitagoon, W., see Townshend, A. 105
- Soto-Chinchilla, J.J.  
—, Gámiz-Gracia, L., García-Campaña, A.M. and Cuadros-Rodríguez,  
L.  
A new strategy for the chemiluminescent screening analysis of total *N*-  
methylcarbamate content in water 113
- Spehar, A.-M., see Håkansson, M. 171
- Spehar, A.-M., see Jiang, Q. 179
- Stergiou, D.V., see Tsogas, G.Z. 151
- Suomi, J., see Håkansson, M. 137, 171
- Suomi, J., see Jiang, Q. 159, 179
- Suomi, J.  
—, Håkansson, M., Jiang, Q., Kotiranta, M., Helin, M., Niskanen, A.J.  
and Kulmala, S.  
Time-resolved detection of electrochemiluminescence of luminol 167
- Tao, Y., see Yi, C. 75
- Thongpoon, C., see Townshend, A. 105
- Tomás, V., see Pérez-Ruiz, T. 69
- Townshend, A.  
—, Ruengsitagoon, W., Thongpoon, C. and Liawruangrath, S.  
Flow injection chemiluminescence determination of tetracycline  
105
- Tsogas, G.Z.  
—, Stergiou, D.V., Vlessidis, A.G. and Evmiridis, N.P.  
Development of a sensitive flow injection-chemiluminescence detec-  
tion method for the indirect determination of propranolol 151
- Tsunoda, M.  
— and Imai, K.  
Analytical applications of peroxyoxalate chemiluminescence 13
- Vlessidis, A.G., see Tsogas, G.Z. 151
- Wang, B., see Yi, C. 75
- Wang, Q., see Liu, H. 187
- Wang, S.-L., see Wang, Y. 131
- Wang, Y.  
—, Fan, S.-H. and Wang, S.-L.  
Chemiluminescence determination of nitrogen oxide in air with a  
sequential injection method 131
- Xi, J.  
—, Ji, X., Zhang, S., Ai, X. and He, Z.  
Investigation of RuBPS-Ce(IV) chemiluminescence reaction and its  
application in determination of two diuretics 193
- Yi, C.  
—, Tao, Y., Wang, B. and Chen, X.  
Electrochemiluminescent determination of methamphetamine based on  
tris(2,2'-bipyridine)ruthenium(II) ion-association in organically modi-  
fied silicate films 75
- Zhang, L., see Liu, H. 125, 187
- Zhang, S., see Xi, J. 193
- Zhang, S., see Zhang, Z. 37
- Zhang, X., see Zhang, Z. 37
- Zhang, Z.  
—, Zhang, S. and Zhang, X.  
Recent developments and applications of chemiluminescence sensors  
37
- Zhao, L.  
—, Lin, J.-M. and Li, Z.  
Comparison and development of two different solid phase chemilumi-  
nescence ELISA for the determination of albumin in urine 199
- Zhou, J., see Liu, H. 125

